

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query   | DBs                    | Default Operator | Plurals | Time Stamp       |
|-------|------|--|------------------------|------------------|---------|------------------|
| L1    | 20   | US-8830318-\$.DID. OR US-4222126-\$.DID. OR US-4265694-\$.DID. OR US-2211980-\$.DID. OR US-4364127-\$.DID. OR US-4731074-\$.DID. OR US-4888009-\$.DID. OR US-5358518-\$.DID. OR US-5376113-\$.DID. OR US-5393858-\$.DID. OR US-5403912-\$.DID. OR US-5500016-\$.DID. OR US-5562729-\$.DID. OR US-5653749-\$.DID. OR US-5800527-\$.DID. OR US-6086612-\$.DID. OR US-6165215-\$.DID. OR US-6171335-\$.DID. OR US-6283995-\$.DID. OR US-20030125804-\$.DID. OR EP-0193987-\$.DID. OR EP-0402036-\$.DID. OR WO-9318721-\$.DID. OR WO-9741808-\$.DID. OR WO-9832400-\$.DID. OR WO-0062716-\$.DID. OR WO-0141679-\$.DID. | US-PGPUB; USPAT; USOCR | AND              | ON      | 2009/12/20 16:09 |
| S1    | 1    | US-6613086-\$.DID. OR WO-9966863-\$.DID. OR WO-0141679-\$.DID. OR WO-02100301-\$.DID.  | US-PGPUB; USPAT; USOCR | AND              | OFF     | 2007/07/31 10:22 |
| S2    | 253  | parabol\$ and valve and cardiac  | US-PGPUB; USPAT; USOCR | AND              | OFF     | 2007/07/30 16:02 |
| S3    | 93   | parabol\$ and valve and cardiac and @pd< "20030320"  | US-PGPUB; USPAT; USOCR | AND              | OFF     | 2007/07/31 10:23 |
| S4    | 1    | ("6613086").PN.  | US-PGPUB; USPAT; USOCR | OR               | OFF     | 2007/07/30 16:10 |
| S5    | 99   | 623/1.26.ccls.   | US-PGPUB; USPAT        | AND              | OFF     | 2007/07/31 10:23 |
| S6    | 356  | 623/1.12.ccls.   | US-PGPUB; USPAT        | AND              | OFF     | 2007/07/31 10:27 |
| S7    | 66   | 623/1.14.ccls.   | US-PGPUB; USPAT        | AND              | OFF     | 2007/07/31 10:28 |
| S8    | 101  | 623/1.17.ccls.   | US-PGPUB; USPAT        | AND              | OFF     | 2007/07/31 10:28 |

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| S9  | 126      | 623/1.18.ccls.   | US-PGPUB;<br>USPAT                                       | AND | OFF | 2007/07/31<br>10:28 |
| S10 | 110      | 623/1.19.ccls.   | US-PGPUB;<br>USPAT                                       | AND | OFF | 2007/07/31<br>10:28 |
| S11 | 11250185 | @pd< "20030320"  | US-PGPUB;<br>USPAT; USOCR                                | AND | OFF | 2007/07/31<br>10:24 |
| S12 | 60598    | parabol\$  | US-PGPUB;<br>USPAT; USOCR                                | AND | OFF | 2007/07/31<br>10:24 |
| S13 | 0        | S5 and S6 and S7 and S8<br>and S9 and S10 and S12                | US-PGPUB;<br>USPAT; USOCR                                | AND | OFF | 2007/07/31<br>10:24 |
| S14 | 13       | (S5 or S6 or S7 or S8 or<br>S9 or S10) and S12                   | US-PGPUB;<br>USPAT; USOCR                                | AND | OFF | 2007/07/31<br>10:26 |
| S15 | 352      | (S5 or S6 or S7 or S8 or<br>S9 or S10) and S11                   | US-PGPUB;<br>USPAT; USOCR                                | AND | OFF | 2007/07/31<br>10:27 |
| S16 | 94       | 623/2.12.ccls.   | US-PGPUB;<br>USPAT                                       | AND | OFF | 2007/07/31<br>10:28 |
| S17 | 227      | 623/1.22.ccls.   | US-PGPUB;<br>USPAT                                       | AND | OFF | 2007/07/31<br>10:28 |
| S18 | 262      | 623/1.24.ccls.   | US-PGPUB;<br>USPAT                                       | AND | OFF | 2007/07/31<br>10:28 |
| S19 | 37       | 623/1.27.ccls.   | US-PGPUB;<br>USPAT                                       | AND | OFF | 2007/07/31<br>10:28 |
| S20 | 51       | 623/1.28.ccls.   | US-PGPUB;<br>USPAT                                       | AND | OFF | 2007/07/31<br>10:28 |
| S21 | 14       | 623/1.29.ccls.   | US-PGPUB;<br>USPAT                                       | AND | OFF | 2007/07/31<br>10:28 |
| S22 | 15       | (S16 or S17 or S18 or S19<br>or S20 or S21) and S12              | US-PGPUB;<br>USPAT                                       | AND | OFF | 2007/07/31<br>10:40 |
| S23 | 55       | pseudo adj function  | US-PGPUB;<br>USPAT                                       | AND | OFF | 2007/07/31<br>11:32 |
| S24 | 237      | mold\$ and coat\$ and<br>cardiac adj valve                       | US-PGPUB;<br>USPAT                                       | AND | OFF | 2007/07/31<br>11:33 |
| S25 | 83       | mold\$ and coat\$ and<br>cardiac adj valve and<br>method and S11 | US-PGPUB;<br>USPAT                                       | AND | OFF | 2007/07/31<br>11:33 |
| S26 | 255      | valve and cardiac and<br>parabol\$                               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | AND | OFF | 2007/07/31<br>11:57 |
| S27 | 94       | valve and cardiac and<br>parabol\$ and<br>@pd< "20030320"        | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | AND | OFF | 2007/07/31<br>12:05 |
| S28 | 2        | valve and cardiac and<br>parabol\$                               | FPRS; EPO;<br>JPO; DERWENT                               | AND | OFF | 2007/07/31<br>12:05 |
| S29 | 1420     | valve and cardiac  | FPRS; EPO;<br>JPO; DERWENT                               | AND | OFF | 2007/07/31<br>12:06 |
| S30 | 161      | valve and cardiac and<br>function                                | FPRS; EPO;<br>JPO; DERWENT                               | AND | OFF | 2007/07/31<br>12:06 |

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| S31 | 3210   | stress test valve cardiac   | US-PGPUB;<br>USPAT                                       | AND | OFF | 2007/07/31<br>14:06 |
| S32 | 19     | stress adj test and valve<br>and cardiac and loading                  | US-PGPUB;<br>USPAT                                       | AND | OFF | 2007/07/31<br>14:08 |
| S33 | 154    | stress adj test and valve<br>and cardiac                              | US-PGPUB;<br>USPAT                                       | AND | OFF | 2007/07/31<br>14:20 |
| S34 | 116916 | stress and distribution   | US-PGPUB;<br>USPAT                                       | AND | OFF | 2007/07/31<br>14:20 |
| S35 | 8700   | stress and distribution and<br>test and valve                         | US-PGPUB;<br>USPAT                                       | AND | OFF | 2007/07/31<br>14:20 |
| S36 | 2031   | stress and distribution and<br>test and valve and cardiac             | US-PGPUB;<br>USPAT                                       | AND | OFF | 2007/07/31<br>14:20 |
| S37 | 24     | stress adj distribution and<br>test and valve and cardiac             | US-PGPUB;<br>USPAT                                       | AND | OFF | 2007/07/31<br>14:33 |
| S38 | 154    | stress adj test and valve<br>and cardiac                              | US-PGPUB;<br>USPAT                                       | AND | OFF | 2007/07/31<br>14:34 |
| S39 | 77     | stress adj test and (heart<br>or cardiac) adj valve                   | US-PGPUB;<br>USPAT                                       | AND | ON  | 2007/07/31<br>14:36 |
| S40 | 1      | mechanical adj stress adj<br>test and (cardiac or heart)<br>adj valve | US-PGPUB;<br>USPAT                                       | AND | ON  | 2007/07/31<br>14:37 |
| S41 | 16     | collapsible adj stent and<br>heart adj valve                          | US-PGPUB;<br>USPAT                                       | AND | OFF | 2007/07/31<br>15:26 |
| S42 | 41     | Moe heart valve leaflet   | US-PGPUB;<br>USPAT                                       | AND | OFF | 2007/08/01<br>15:43 |
| S43 | 1      | magnitude.ti. moe.in.<br>leaflet.ti.                                  | US-PGPUB;<br>USPAT                                       | AND | OFF | 2007/08/01<br>15:43 |
| S44 | 105409 | "427".clas.   | US-PGPUB;<br>USPAT                                       | AND | OFF | 2007/08/02<br>12:49 |
| S45 | 659    | 427/2.24.ccls.  | US-PGPUB;<br>USPAT                                       | AND | OFF | 2007/08/02<br>12:49 |
| S46 | 109741 | "264".clas.   | US-PGPUB;<br>USPAT                                       | AND | OFF | 2007/08/02<br>12:49 |
| S47 | 97     | "264".clas. AND valve and<br>parabol\$                                | US-PGPUB;<br>USPAT                                       | AND | OFF | 2007/08/02<br>12:51 |
| S48 | 0      | wheatley.ti. AND valve and<br>parabol\$                               | FPRS; EPO;<br>JPO; DERWENT                               | AND | OFF | 2007/08/02<br>12:51 |
| S49 | 0      | wheatley.ti. AND valve and<br>parabol\$                               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | AND | OFF | 2007/08/02<br>12:52 |
| S50 | 0      | wheatley.ti. AND valve  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | AND | OFF | 2007/08/02<br>12:52 |
| S51 | 2      | wheatley.in. AND valve<br>AND parabol\$                               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | AND | OFF | 2007/08/02<br>15:52 |

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| S52 | 72  | lane.in. AND stress and valve   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT                | AND | OFF | 2007/08/02<br>16:08 |
| S53 | 4   | lane.in. AND stress adj distribution  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT                | AND | OFF | 2007/08/02<br>16:08 |
| S54 | 68  | stress adj distribution and valve and cardiac                                   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT                | AND | OFF | 2007/08/02<br>16:09 |
| S55 | 0   | (parabolic and plane and height and length and linear and "valve leaflet").clm. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON  | 2009/06/15<br>15:29 |
| S56 | 0   | (parabolic and plane and linear and "valve leaflet").clm.                       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON  | 2009/06/15<br>15:29 |
| S57 | 0   | (parabolic and linear and "valve leaflet").clm.                                 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON  | 2009/06/15<br>15:29 |
| S58 | 0   | (parabolic and linear and valve leaflet).clm.                                   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON  | 2009/06/15<br>15:29 |
| S59 | 40  | (parabolic and linear and valve).clm.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON  | 2009/06/15<br>15:30 |
| S60 | 119 | 623/2.17.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON  | 2009/06/21<br>22:24 |

## EAST Search History (Interference)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--------------|-----|------------------|---------|------------|
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|    |   |   |             |     |    |                  |
|----|---|---|-------------|-----|----|------------------|
| L2 | 0 | "leaflet".clm. and scallop.<br>clm. and "post".clm. and<br>"parabolic".clm. | USPAT; UPAD | AND | ON | 2009/12/20 16:12 |
| L3 | 0 | leaflet.clm. and scallop.clm.<br>and post.clm. and parabolic.<br>clm.       | USPAT; UPAD | AND | ON | 2009/12/20 16:12 |
| L4 | 0 | leaflet.clm. and scallop.clm.<br>and parabolic.clm.                         | USPAT; UPAD | AND | ON | 2009/12/20 16:12 |
| L5 | 3 | leaflet.clm. and parabolic.<br>clm.   | USPAT; UPAD | AND | ON | 2009/12/20 16:12 |

**12/ 20/ 2009 4:14:12 PM****C:\ Documents and Settings\ jstroud\ My Documents\ EAST\ Workspaces\ Beith07302007.wsp**